

XXXIII.—*Descriptions of new Species of Pleurodonte (Caracolus), Planispira, and Kaliella.* By HUGH C. FULTON.

[Plate IX.]

*Pleurodonte (Caracolus) manifesta*, sp. n.  
(Pl. IX. fig. 10.)

Shell very slightly perforate, solid, depressed, light yellowish brown, almost covered by two very dark spiral bands, one broad one in the middle of the whorl and the other just below the suture, apex much lighter in colour; whorls 5, very convex, first three finely reticulated, the penultimate and upper part of last whorl sculptured with *very coarse granular spiral sculpture*, underside of body-whorl almost smooth, having only oblique growth-lines, and being ornamented by one dark spiral band about 2 mm. wide situated about the same distance from the periphery; the upper wall of the last third of body-whorl is swollen and ascends to the middle of the penultimate whorl, descending rather suddenly a little distance from its termination; aperture very oblique, white within except parietal wall, which is yellowish and on which the colour-band is continued; peristome thickened and very narrowly expanded, white, margins connected by a white raised callus.

Maj. diam. 32, alt. 17 mm.

*Hab.* ? (probably Cuba).

This shell, of which I have two specimens before me, is readily distinguished by its strong granular sculpture and the prominent swelling situated behind the upper margin of the peristome: *jactata*, Gundl., has the same kind of sculpture, but in that species it is very fine and scarcely seen without a lens; *manifesta* also differs by its darker coloration and the greater convexity of its whorls.

In Tryon's 'Manual of the Mollusca,' ser. 2, vol. v., *jactata* (Gundl., MSS.), Pfr., is put as = *mina*, Pfr.; but on examination of a large series of *mina* I cannot find any with the granular sculpture characteristic of *jactata*.

*Planispira cingarus*, sp. n. (Pl. IX. fig. 8.)

Shell discoidal, umbilicus about 2 mm. wide at opening, spire flat, light below, dark brown above, with a darker supra-peripheral band about 1 mm. wide encircling the body-whorl,

apex lighter in colour, covered with short white hairs and hair-scars; whorls  $4\frac{1}{2}$ , first  $3\frac{1}{2}$  slightly convex, last rather inflated near its termination, then somewhat constricted behind the peristome, the last third of body-whorl descending to a point just below the periphery; aperture subcircular, bluish grey within; peristome rather broadly expanded, white below, upper margin brownish.

Maj. diam. 24, alt. 11 mm.

*Hab.* Halmahera Island (*Waterstradt*).

Nearest to *P. Kurri*, Pfr., of which species it may be but a variety; it can, however, be easily separated from that species by its very dark coloration.

*P. cingarus* is not so compressed in front, and its peristome is slightly more oblique and somewhat more circular than in *Kurri*.

*Kaliella microbembix*, sp. n. (Pl. IX. fig. 6.)

Shell trochiform, narrowly umbilicated, apex white, remainder of a light horn-colour, rather thin, almost smooth, the oblique striæ or lines of growth only visible under a lens; whorls 8, very gradually increasing, slightly convex, the last having a rather obtuse keel at the periphery, underside of last whorl microscopically spirally striated; aperture subovate; peristome scarcely thickened, slightly expanded at the columellar and basal portions, triangularly dilated at point of insertion.

Maj. diam. 6, alt.  $5\frac{1}{2}$  mm.

*Hab.* Changyang, Hupé (*Schmacker*).

The nearest species known to me appears to be *Kaliella cuneus*, Heude, which is probably a *Ganesella*; but that has one whorl less and it appears to have conspicuous oblique striæ.

Some time ago I sent a specimen of *microbembix* to the late Father Heude, who replied that it was not his *cuneus*.

EXPLANATION OF PLATE IX.

- Fig.* 1. *Pupina pineticola*, var. *modesta*.  
*Fig.* 2. *Pupina clara*.  
*Fig.* 3. *Pupinella simplex*.  
*Fig.* 4. *Pupina subpolita*.  
*Fig.* 5. *Pupina pineticola*.  
*Fig.* 6. *Kaliella microbembix*.  
*Fig.* 7. *Pupinella densecostata*.  
*Fig.* 8. *Planispira cingarus*.  
*Fig.* 9. *Unio (Cuneopsis) tauriformis*.  
*Fig.* 10. *Pleurodonte (Caraculus) manifesta*.

